

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100923\
 Data File : VX038161.D
 Acq On : 09 Oct 2023 11:04
 Operator : JC/MD
 Sample : VX1009WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBL01

Quant Time: Oct 10 00:51:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

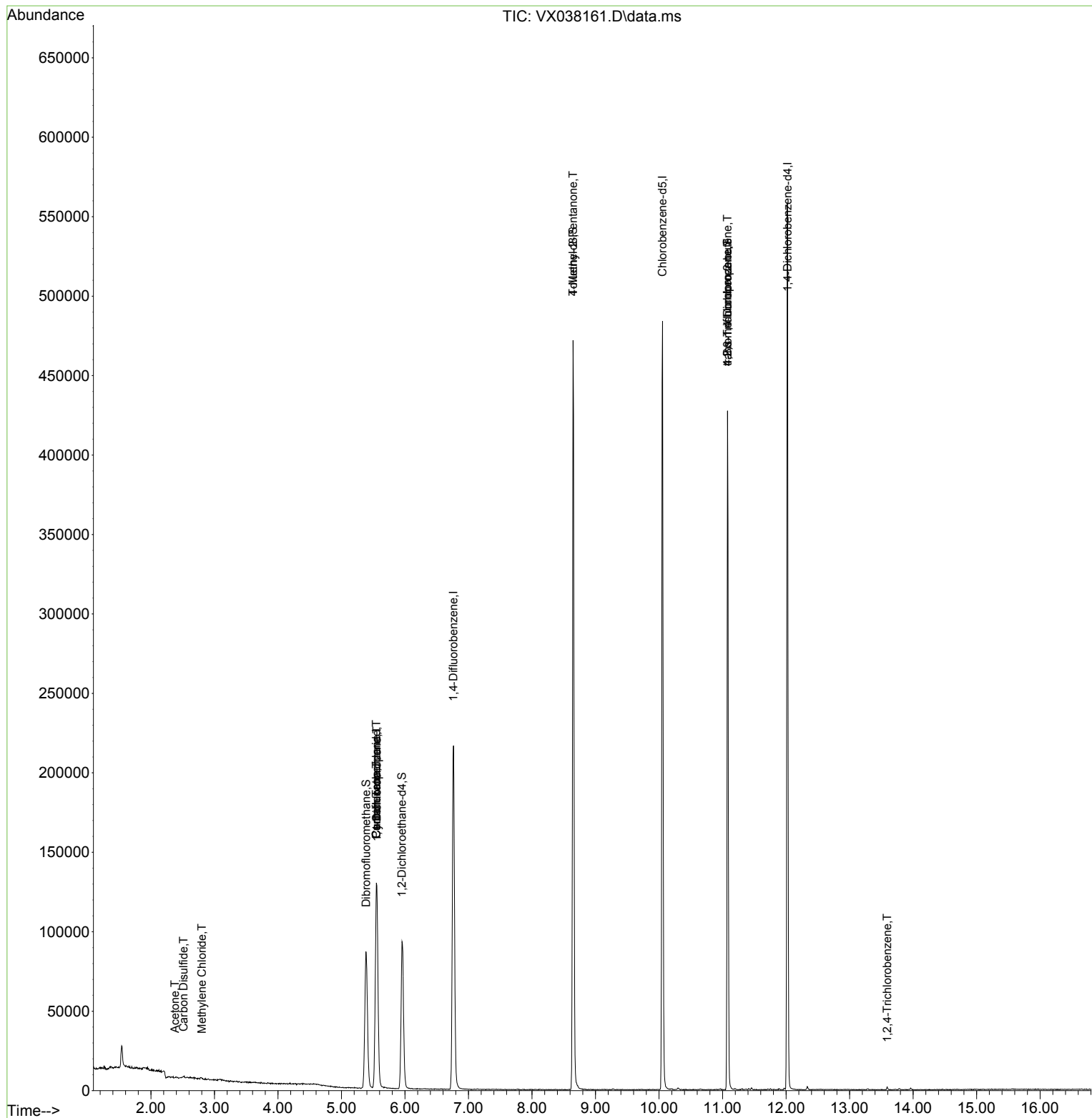
Internal Standards						
1) Pentafluorobenzene	5.550	168	123017	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	222375	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	218747	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	110701	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	90675	45.827	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.660%		
35) Dibromofluoromethane	5.385	113	74455	46.466	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.940%		
50) Toluene-d8	8.647	98	278961	45.560	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.120%#		
62) 4-Bromofluorobenzene	11.079	95	104017	44.810	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.620%		
Target Compounds						
5) Bromomethane	1.617	94	141	Below Cal	#	3
6) Chloroethane	1.697	64	94	Below Cal	#	43
16) Acetone	2.380	43	298	0.361	ug/l #	39
17) Carbon Disulfide	2.514	76	1088	0.335	ug/l #	93
20) Methylene Chloride	2.800	84	398	0.256	ug/l #	70
31) Cyclohexane	5.550	56	3215	1.500	ug/l #	20
36) 1,1-Dichloropropene	5.556	75	10700	4.842	ug/l #	47
38) Carbon Tetrachloride	5.550	117	13051	6.004	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	1289	0.477	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	59735	23.736	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	59735	67.750	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	517	0.220	ug/l	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBL01

Quant Time: Oct 10 00:51:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration

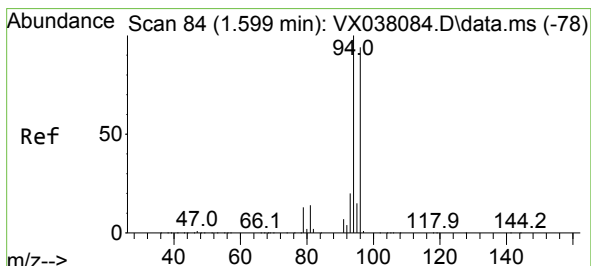
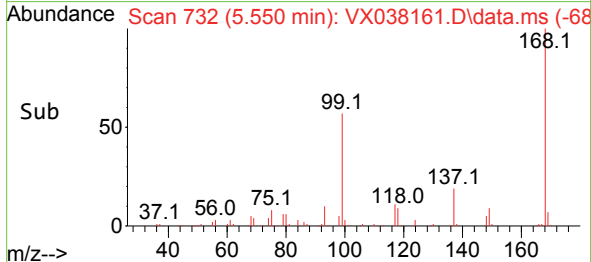
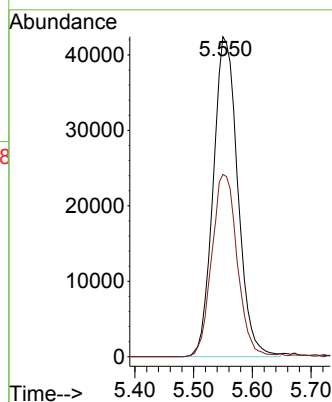
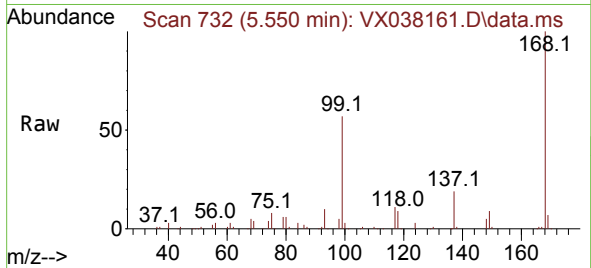




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038161.D
Acq: 09 Oct 2023 11:04

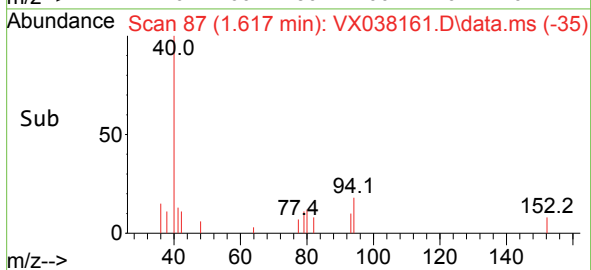
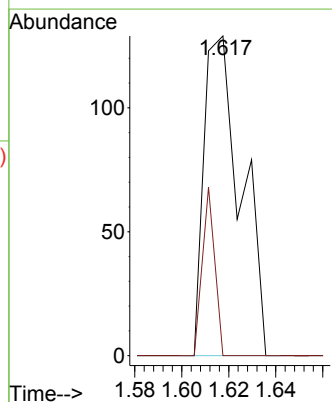
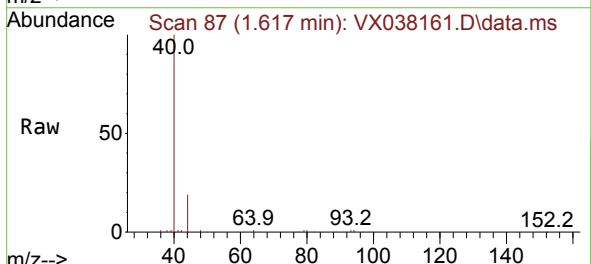
Instrument :
MSVOA_X
ClientSampleId :
VX1009WBL01

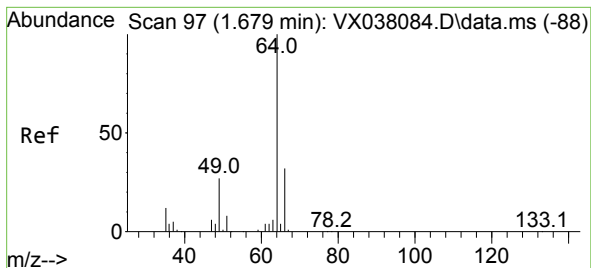
Tgt Ion:168 Resp: 123017
Ion Ratio Lower Upper
168 100
99 56.9 56.6 85.0



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX038161.D
Acq: 09 Oct 2023 11:04

Tgt Ion: 94 Resp: 141
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#

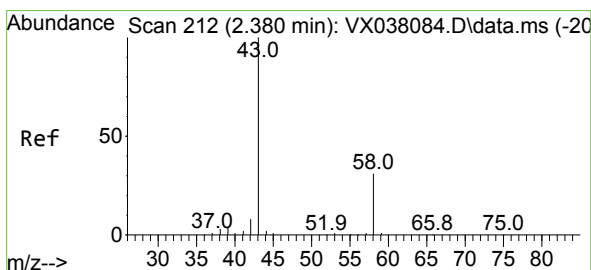
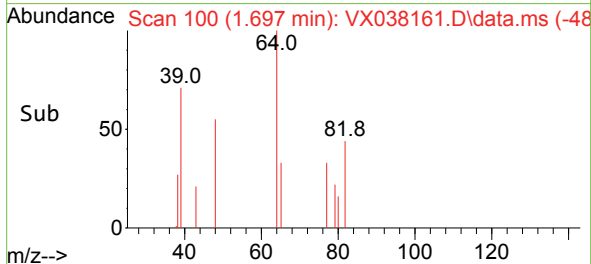
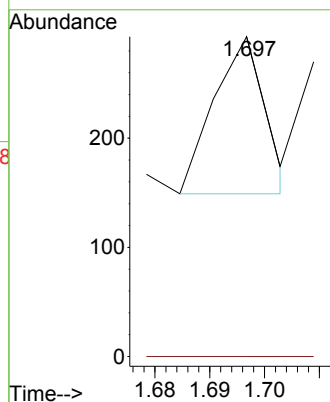
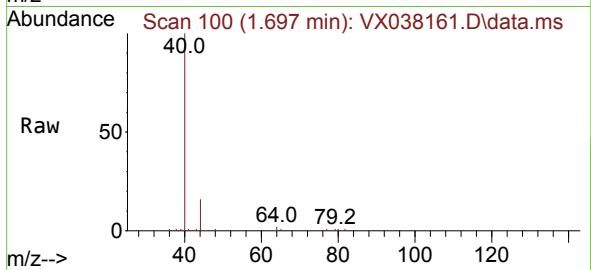




#6
Chloroethane
Concen: Below Cal
RT: 1.697 min Scan# 100
Delta R.T. 0.018 min
Lab File: VX038161.D
Acq: 09 Oct 2023 11:04

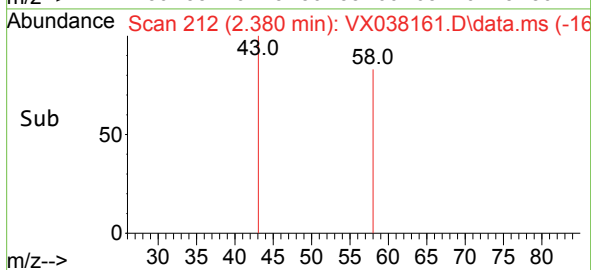
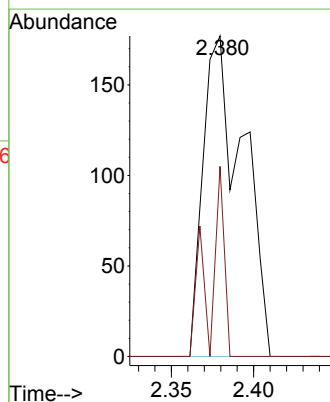
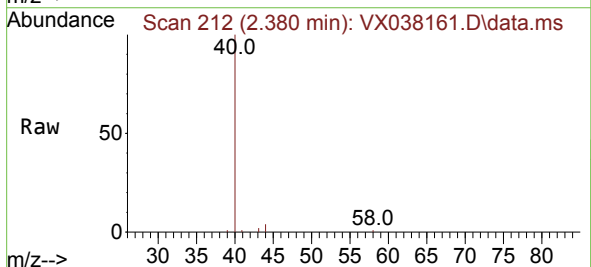
Instrument :
MSVOA_X
ClientSampleId :
VX1009WBL01

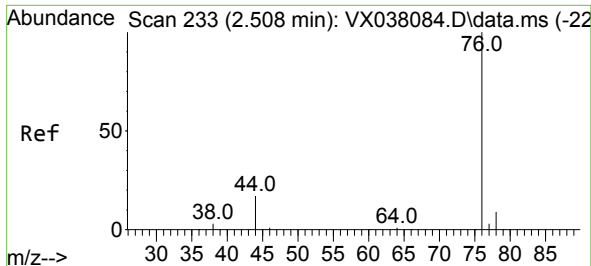
Tgt Ion: 64 Resp: 94
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#16
Acetone
Concen: 0.361 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038161.D
Acq: 09 Oct 2023 11:04

Tgt Ion: 43 Resp: 298
Ion Ratio Lower Upper
43 100
58 59.3 21.9 32.9#

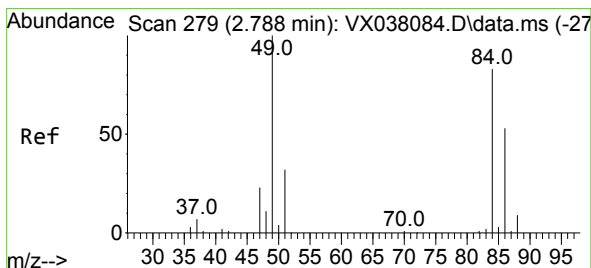
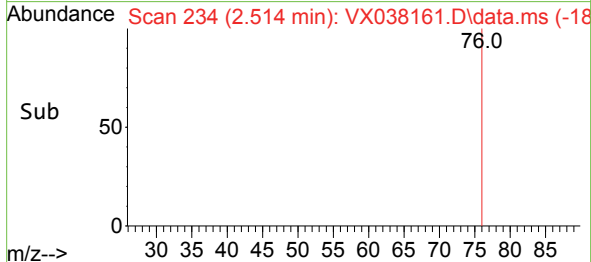
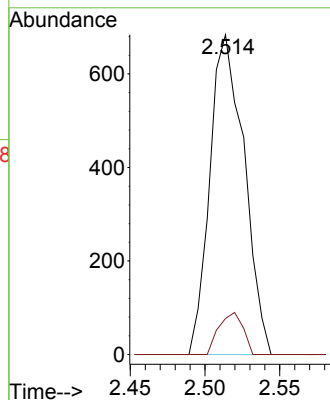
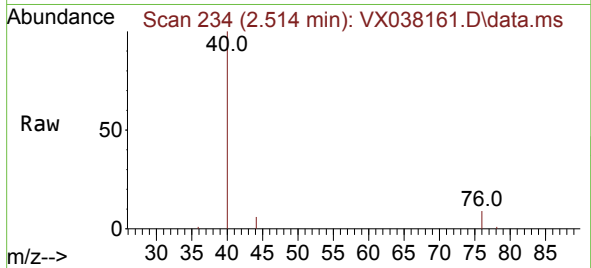




#17
Carbon Disulfide
Concen: 0.335 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX038161.D
Acq: 09 Oct 2023 11:04

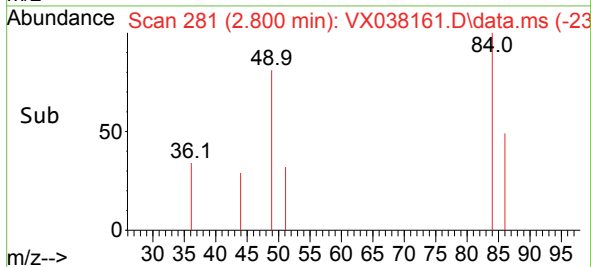
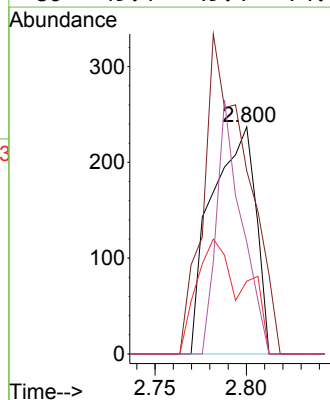
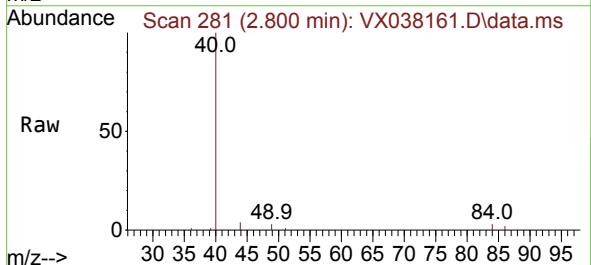
Instrument :
MSVOA_X
ClientSampleId :
VX1009WBL01

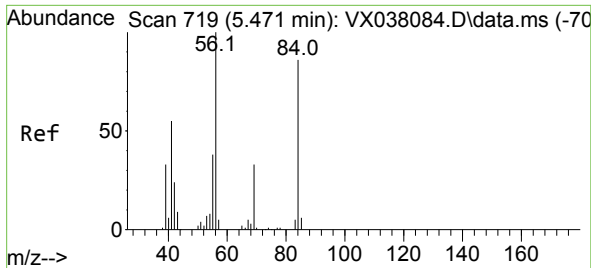
Tgt Ion: 76 Resp: 1088
Ion Ratio Lower Upper
76 100
78 11.3 7.0 10.6#



#20
Methylene Chloride
Concen: 0.256 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.012 min
Lab File: VX038161.D
Acq: 09 Oct 2023 11:04

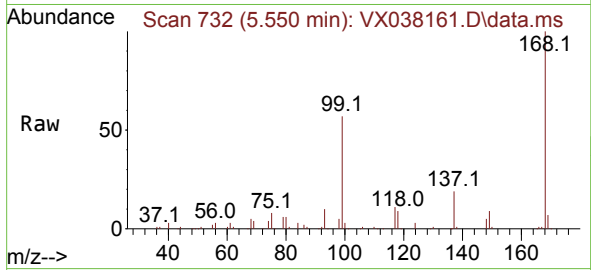
Tgt Ion: 84 Resp: 398
Ion Ratio Lower Upper
84 100
49 80.6 103.6 155.4#
51 32.1 33.8 50.6#
86 49.4 49.4 74.0



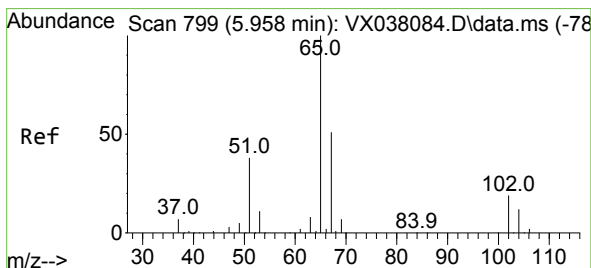
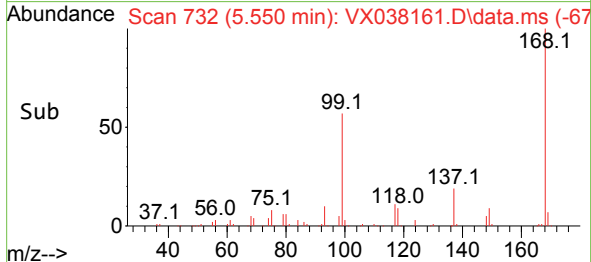
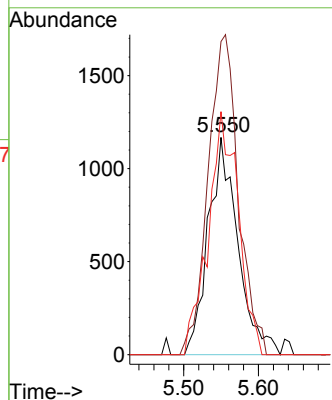


#31
Cyclohexane
Concen: 1.500 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX038161.D
Acq: 09 Oct 2023 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBL01

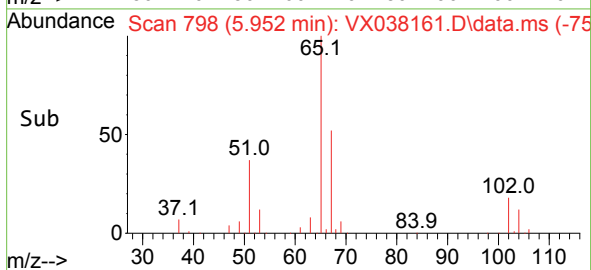
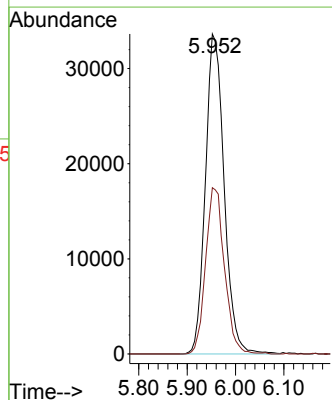
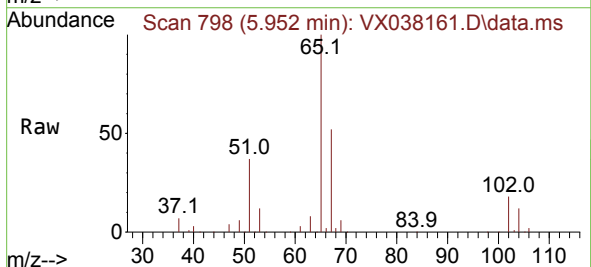


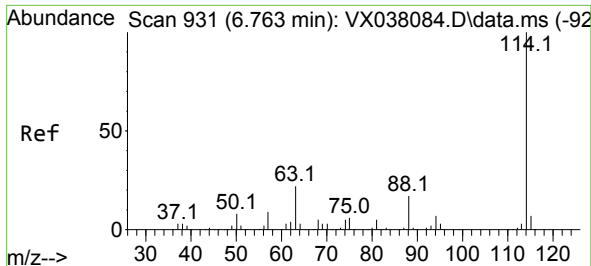
Tgt Ion: 56 Resp: 3215
Ion Ratio Lower Upper
56 100
69 144.1 23.4 35.2#
84 111.8 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 45.827 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX038161.D
Acq: 09 Oct 2023 11:04

Tgt Ion: 65 Resp: 90675
Ion Ratio Lower Upper
65 100
67 52.2 0.0 100.2

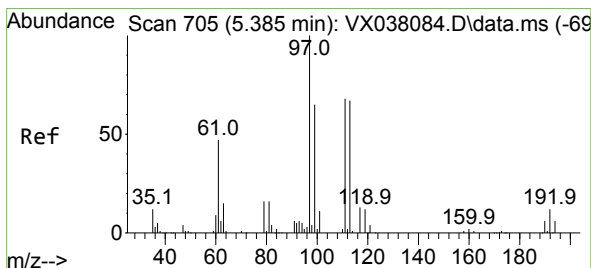
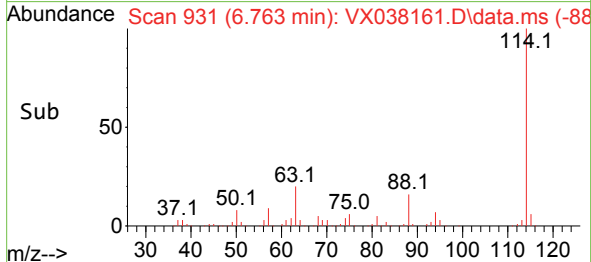
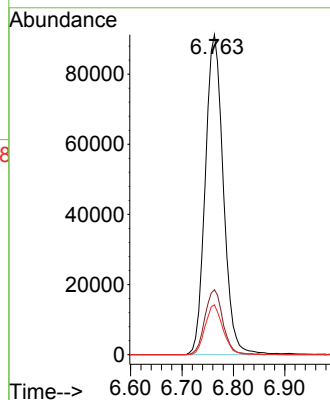
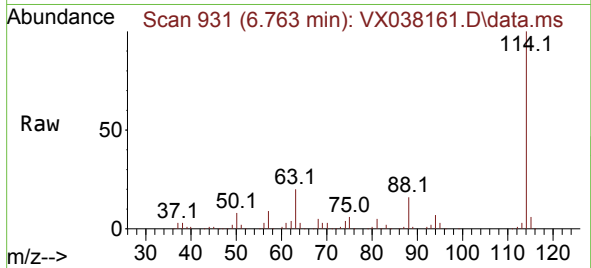




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX038161.D
Acq: 09 Oct 2023 11:04

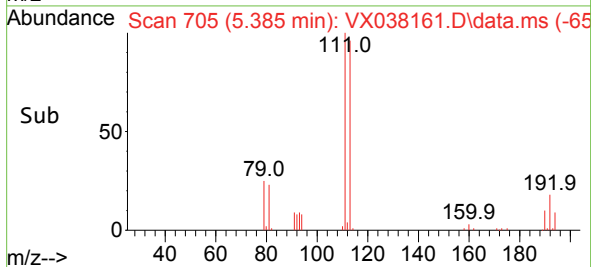
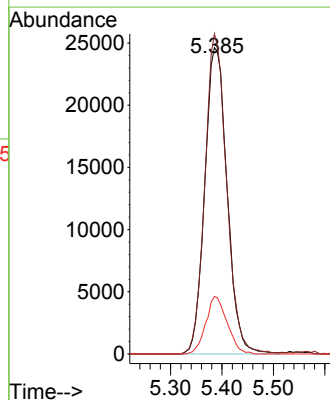
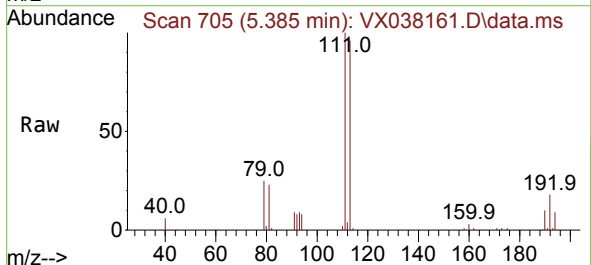
Instrument :
MSVOA_X
ClientSampleId :
VX1009WBL01

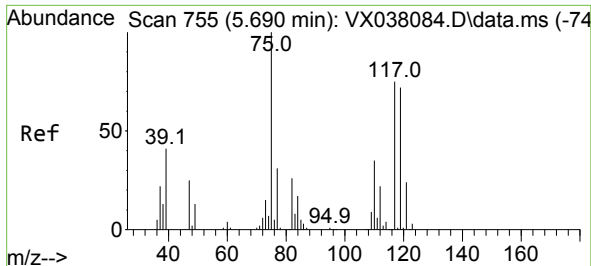
Tgt Ion:114 Resp: 222375
Ion Ratio Lower Upper
114 100
63 20.3 0.0 45.0
88 15.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.466 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038161.D
Acq: 09 Oct 2023 11:04

Tgt Ion:113 Resp: 74455
Ion Ratio Lower Upper
113 100
111 101.5 82.9 124.3
192 17.9 13.3 19.9

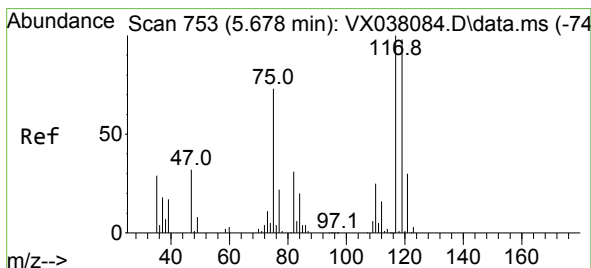
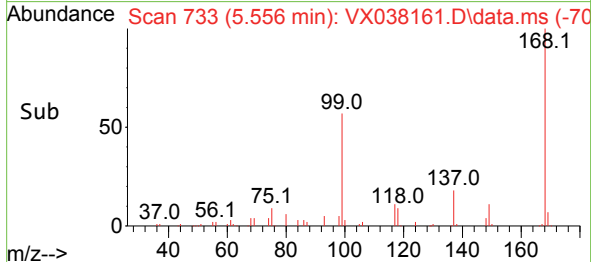
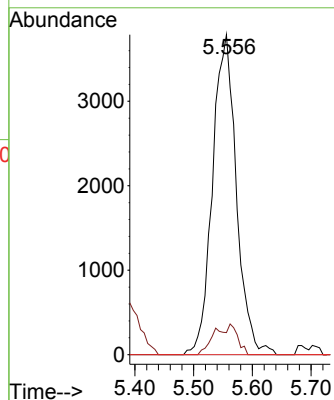
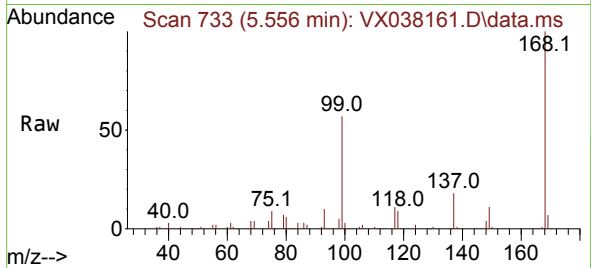




#36
1,1-Dichloropropene
Concen: 4.842 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX038161.D
Acq: 09 Oct 2023 11:04

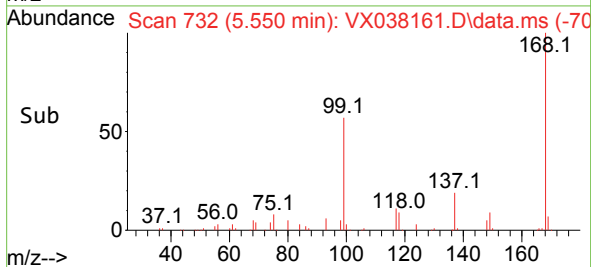
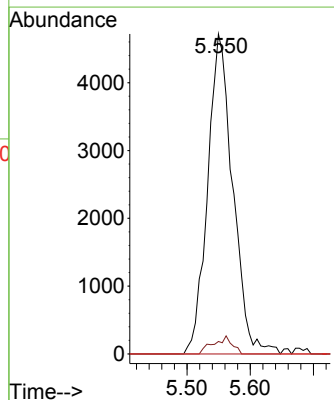
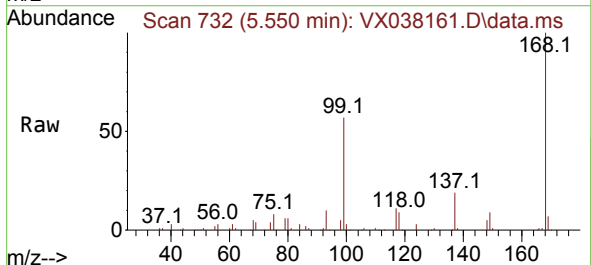
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ClientSampleId :
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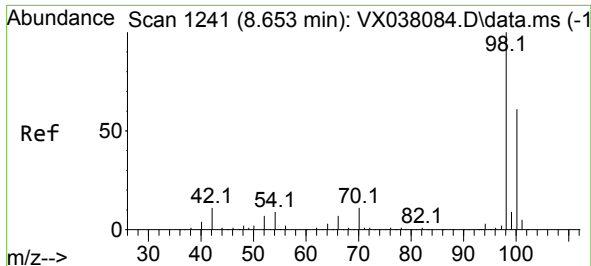
Tgt Ion: 75 Resp: 10700
Ion Ratio Lower Upper
75 100
110 5.4 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.004 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX038161.D
Acq: 09 Oct 2023 11:04

Tgt Ion: 117 Resp: 13051
Ion Ratio Lower Upper
117 100
119 3.9 78.2 117.2#
121 0.0 24.4 36.6#

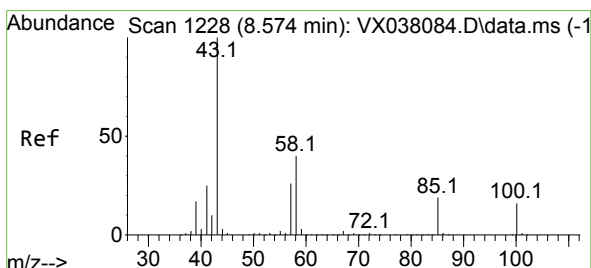
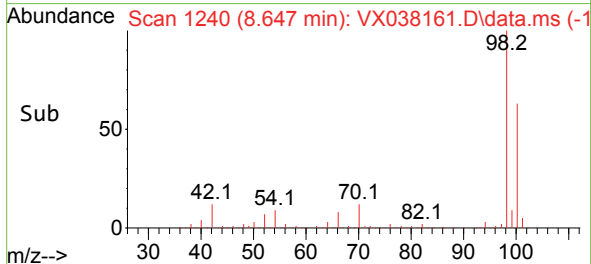
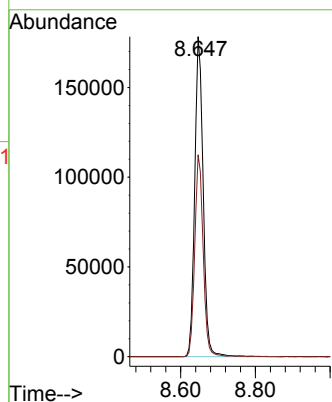
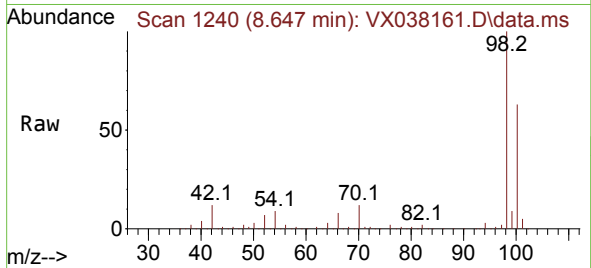




#50
Toluene-d8
Concen: 45.560 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038161.D
Acq: 09 Oct 2023 11:04

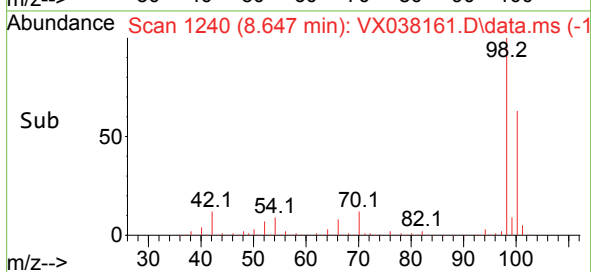
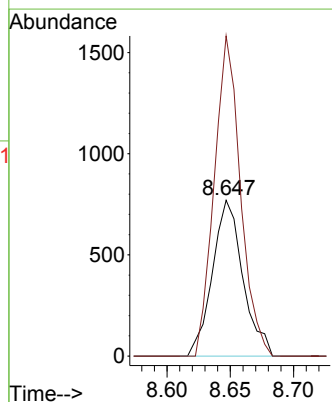
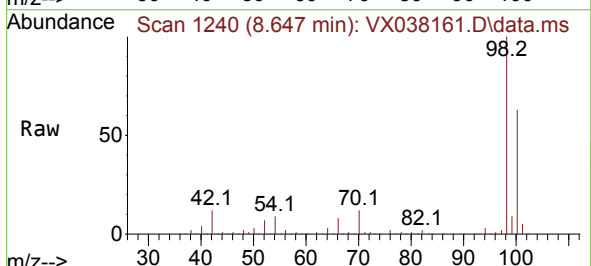
Instrument :
MSVOA_X
ClientSampleId :
VX1009WBL01

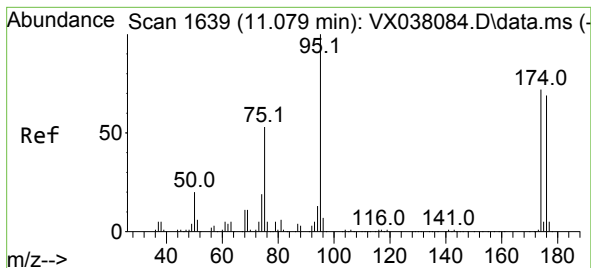
Tgt Ion: 98 Resp: 278961
Ion Ratio Lower Upper
98 100
100 63.0 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.477 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX038161.D
Acq: 09 Oct 2023 11:04

Tgt Ion: 43 Resp: 1289
Ion Ratio Lower Upper
43 100
58 176.7 30.4 45.6#

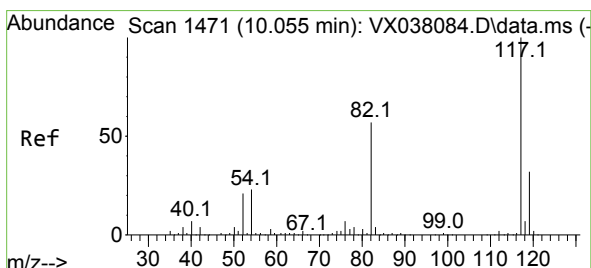
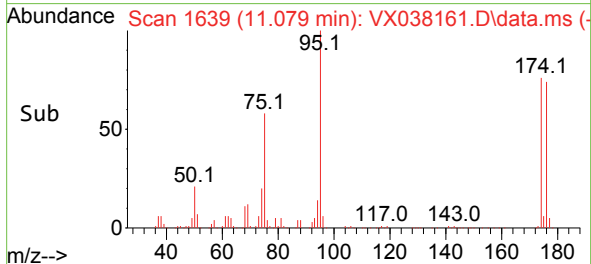
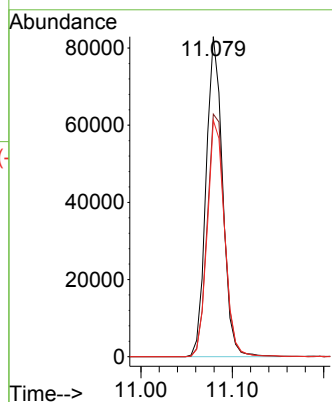
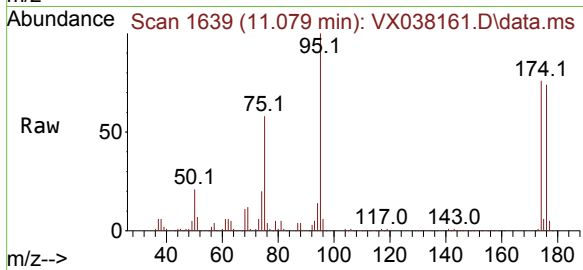




#62
4-Bromofluorobenzene
Concen: 44.810 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038161.D
Acq: 09 Oct 2023 11:04

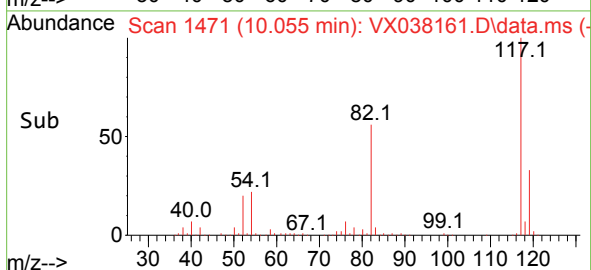
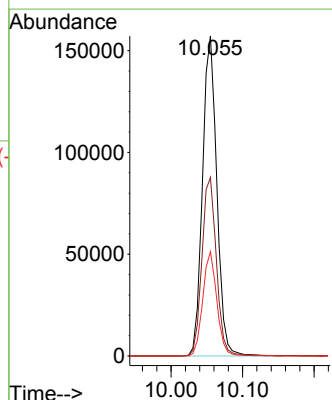
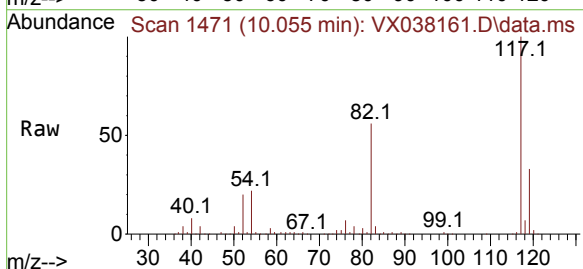
Instrument :
MSVOA_X
ClientSampleId :
VX1009WBL01

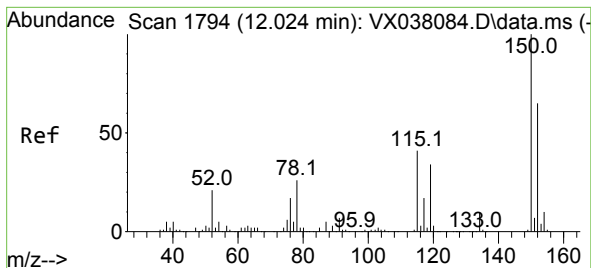
Tgt Ion: 95 Resp: 104017
Ion Ratio Lower Upper
95 100
174 80.0 0.0 135.6
176 77.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038161.D
Acq: 09 Oct 2023 11:04

Tgt Ion: 117 Resp: 218747
Ion Ratio Lower Upper
117 100
82 55.8 46.2 69.4
119 32.6 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038161.D

Acq: 09 Oct 2023 11:04

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBL01

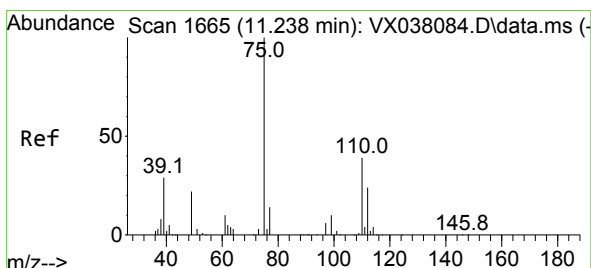
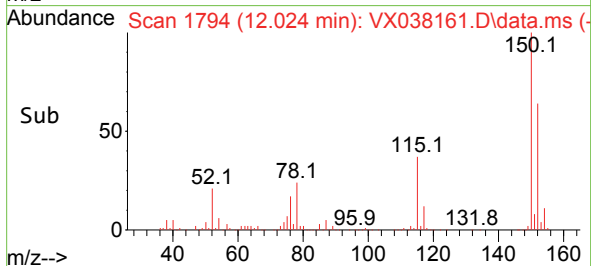
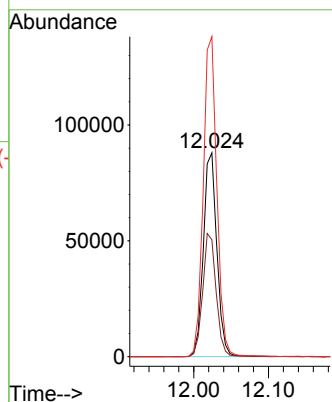
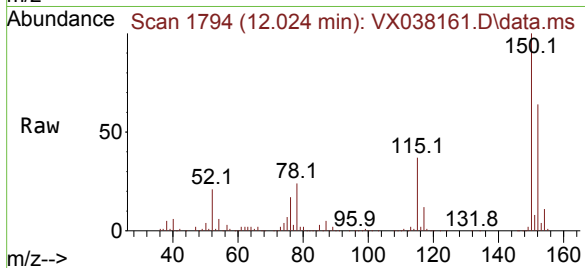
Tgt Ion:152 Resp: 110701

Ion Ratio Lower Upper

152 100

115 60.0 43.3 129.9

150 157.5 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 23.736 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038161.D

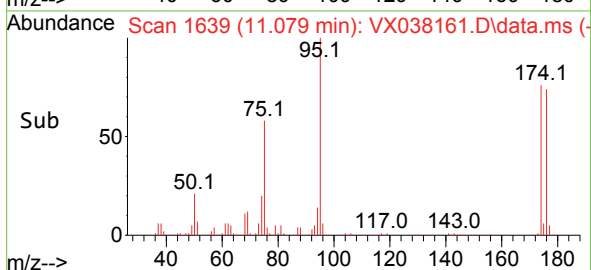
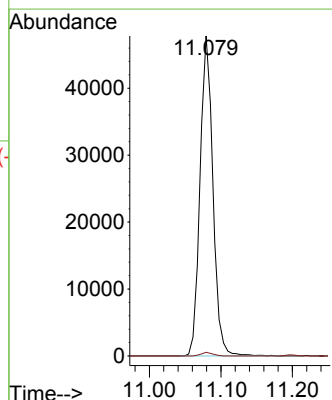
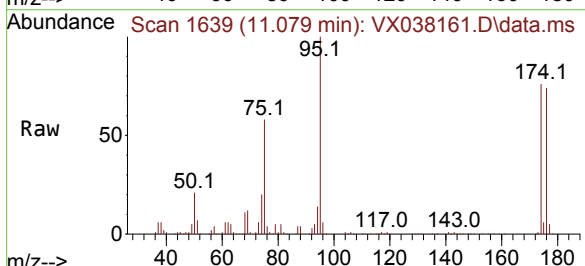
Acq: 09 Oct 2023 11:04

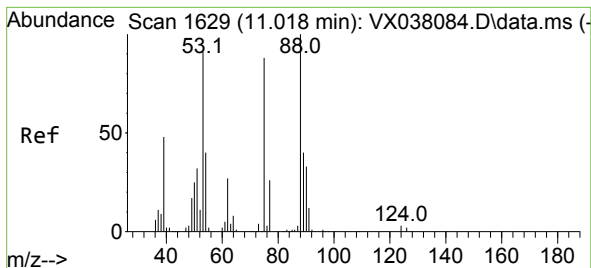
Tgt Ion: 75 Resp: 59735

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#

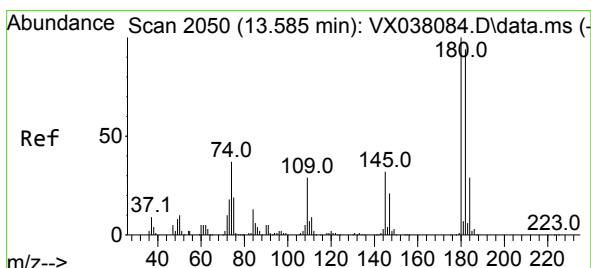
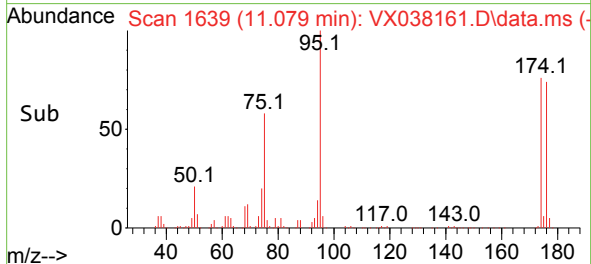
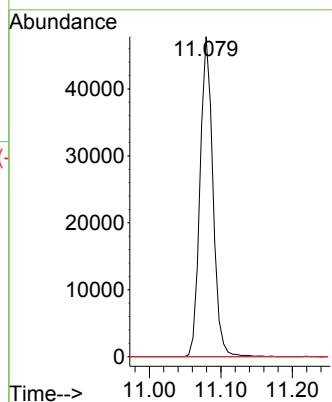
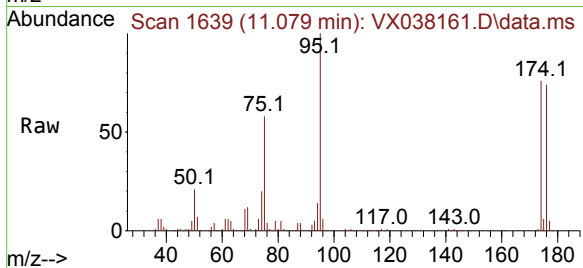




#81
trans-1,4-Dichloro-2-butene
Concen: 67.750 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX038161.D
Acq: 09 Oct 2023 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBL01

Tgt Ion: 75 Resp: 59735
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.220 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX038161.D
Acq: 09 Oct 2023 11:04

Tgt Ion: 180 Resp: 517
Ion Ratio Lower Upper
180 100
182 100.2 48.3 144.8
145 28.8 18.0 54.0

